



MAILED
12-31-09 *JS*

Brian Schweitzer, Governor

P.O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • www.deq.mt.gov

December 30, 2009

Mr. Ryan Leland, P.E.
City of Helena Engineer
316 N. Park
Helena, MT 59623

**RE: APPROVAL—LANDFILL FINAL USE / HELENA CENTENNIAL PARK
Closed City of Helena Class II Landfill (Lic. # 90)**

Dear Ryan:

The Department has completed its review of the Post-Closure Plan (PCP) and 95% construction documents submitted for the Centennial Park Project to modify the final cover and post-closure final use of the closed City of Helena Class II Landfill. We appreciate that the City has adequately addressed all of the previous comments on the draft PCP and design documents.

The landfill Post-Closure Plan and project documents for Centennial Park are approved for construction on the landfill final cover with the following minor additions/corrections:

- (1) Please add a note to the Special Provisions paragraphs 1.3 (Section 01000-Page 2) directing the QA engineer to contact me (406.444.4725) at the Department if a significant thickness of solid waste or any methane control/monitoring utilities are encountered in the parking lot or any other grading operations during construction.
- (2) Correct Water/Sewer Trench detail to show GCL below pipe on Sheet C-33.
- (3) Correct Liner Penetration detail to show PVC boot welded to PVC liner around pipe.
- (4) Correct Liner Penetration detail to show bentonite seal around pipe contact with liner.

We approve the use of asphalt as final cover in the extended parking lot areas, as long as tensional cracks remain adequately sealed annually. Detail on Sheet C-33 shows approved repair of cap if waste is encountered during other grading. Please add details in the as-built drawings for the already constructed extension of the methane collection trench adjacent to the Armory. Also add the extended methane trench testing to the final project QA/QC Report upon completion.

Thanks for your fine cooperation and assistance. Please feel free to contact me at the Permitting and Compliance Division for assistance: Voice 406.444.4725 or email tstepp@mt.gov.

Sincerely,

Tim Stepp
Engineer, Solid Waste Program
Waste & Underground Tank Management Bureau

Cc: Amy Teegarden, Director, City of Helena Parks; Ben Sauter, Superintendent, City of Helena Solid Waste
File: Lic#90/Class II Landfill/City of Helena/Post Closure
Path: G:\WUT\SWs\closure\helena\CentennialPark-FinalCoverMod1209.doc

NOTED

Correspondence Slip

Requested: 12/29/09

Originator: T. Stepp

Name: Lic #90

Needed By: 12/31/09

Org(s)/Mail Code: _____

REVIEW
ROUTING

Name

Task

Initial/Date

Admin Janet

Proof

JH 11-2-30

Joe B.

JB 11-2-30

Darrell S.

DS 11-2-30

Rick T.

RT 11-2-31-09

Mail ☒ original via:
☒ Regular ☐ Certified ☐ Registered ☐ FedEx

Fax to addressee at: _____

Special/Mailing Instructions:

Please copy & file per footer.

Copy T.S.

Thx.

Mail copy of enclosures
to CC's? Y N

Copies of enclosures
for file needed? Y N

Copy of letter for file
needed? Y N

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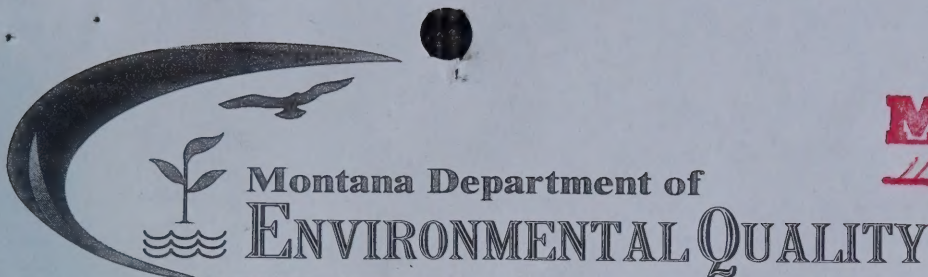
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MAILED

11-3-09

Brian Schweitzer, Governor
Richard H. Opper, Director

P.O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • www.deq.mt.gov

October 30, 2009

Mr. Ben Sautter
CITY OF HELENA – SOLID WASTE SUPERINTENDENT
316 North Park
Helena, MT 59624

**RE: CLOSED CITY OF HELENA LANDFILL – LICENSE #90
MITIGATION OF LANDFILL CAP EROSION AND SETTLEMENT - APPROVAL**

Dear Ben:

The Department has reviewed your plan to repair the erosion and settlement observed on the cap of the old City of Helena Landfill. On Friday, October 16, 2009, Darrell Stankey, Tim Stepp, and I observed the erosion and settlement west of the YMCA parking lot during a site visit. We agreed that the erosion is likely a result of the increased frequency and magnitude of runoff from the parking lot this past spring and summer. The settlement is normal for closed landfills. However, the settlement observed is interrupting the normal storm water runoff pattern by causing ponding on the cap. The Department understands that the Parks Department's proposal for the construction of Centennial Park will likely include the application of additional fill materials in this area. However, to minimize the chance of further erosion, infiltration of ponded water, and potential production and discharge of leachate, it was agreed that interim repairs were needed and clean fill could be used to make these repairs.

The Department approves your proposal to cover the two eroded and settled areas with 6-inch minus pit run clean fill. However, as discussed during our October 16 meeting, a more long term repair will be required if the project does not go to bid this winter for the construction of Centennial Park.

Please notify the Department when the repairs have been completed. If you have any questions regarding this approval, please do not hesitate to contact me directly at the Permitting and Compliance Division, Waste and Underground Tank Management Bureau, Solid Waste Program.

Respectfully,

Mary Louise Hendrickson

Solid Waste Section

Phone: 406-444-1808; Fax: 406-444-1374

Email: mhendrickson@mt.gov

File: Closed Landfills\L&C County\Closed City of Helena\#90\Closure and Centennial Park

Path: G:\WUTSWS\closure\lewisClark\InterimCapRep-1009.doc

cc: Mr. John Rundquist, City of Helena, 316 N. Park, Helena, MT 59624

Mr. Ryan Leland, City of Helena, 316 N. Park, Helena, MT 59624

Ms. Amy Teegarden, City of Helena Parks Dept., 340 Neil Avenue, Helena, MT 59623

Ms. Jodi Bingham, Hydrometrics, Inc., 3020 Bozeman Ave., Helena, MT 59601

MAILED

Correspondence Slip

Project ID: _____

Requested: _____

10-29

Needed By: _____

11-2

Originator: _____

mlh

Org(s)/Mail Code: _____

REVIEW
ROUTING

Name

Task

Initial/Date

Admin

Proof

Admin
Darrell
Rick

Proof
reviewed

4/11/30
Das 11/30
RT 11-3-09
1

Mail original via:

☒ Regular ☐ Certified ☐ Registered ☐ FedEx

Fax to addressee at:

Proof Path: G:\WUT\

See letter

Special Instructions:

Mail copy of enclosures
to CC's? Y N

Copies of enclosures
for file needed? Y N

Copy of letter for file
needed? ☒ Y ☐ N



CLOSED

County Lewis & Clark

Facility & # #90 City of Helena

Closure Landfarm

Finan Assur Liner

GW Corr Meas Methane

GW Monitoring O & M

GW Reports Run-on

Inspections

Other: _____



City of Helena

Ben Sautter, Streets, Traffic, Solid Waste Superintendent

316 North Park Avenue

Helena, MT 59623

Telephone: 406/447-1566 Fax: 406/447-1568

E-mail: bsautter@ci.helena.mt.us

RECEIVED

OCT 22 2009

Dept. of Enviro. Quality
Waste & Underground
Tank Management Bureau

Mary Louise Hendrickson
Environmental Science Specialist
Solid Waste Program
PO Box 200901
Helena MT 59602-0901

Darrell - has
response letter
is being
routed -
mlh

Dear Ms. Hendrickson:

Per our discussion at the site of the Old City Landfill on Friday October 16, 2009, I am submitting this letter to outline our short term plan to mitigate concerns over settlement and erosion in two locations at the landfill. Considering the fact that the City Parks Department is planning to let bids for the construction of Centennial Park in the spring of 2010 we plan to do a minimal amount of work this fall. If the Parks Department is not able to go to bid late winter or early in the spring we will revisit the settling issue and propose a more long term repair.

That said, we are planning to haul clean fill this fall on two locations as discussed. We will cover the eroded area of drainage just off and to the west of the paved parking lot of the YMCA. It is expected this repair will take 10 to 15 cubic yards of material. We will also haul material to the large settlement further to the west towards the old rail bed. This repair could take upwards to 50 or 60 cubic yards of material. We will be using a clean 6 inch minus cobble pit run from our City gravel pit. Upon completion of the repairs we will notify your Department should you wish to view the work.

I will await a response before completing the work to be sure we are all of the same understanding. If you have any questions or concerns please call me at 447-1566.

Sincerely,

Ben Sautter, Superintendent of Solid Waste
City of Helena

cc. John Rundquist, City Public Works Director
Jodi Bingham, Hydrometrics, Environmental Engineer
Ryan Leland, City Engineer
Amy Teegarden, City Parks

Darrell has

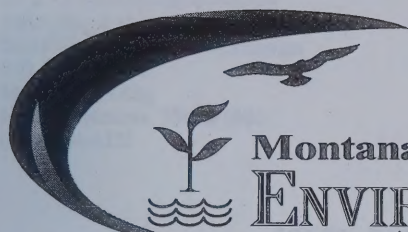
Tim TS

please file
as noted -



[Handwritten signature or initials]





Montana Department of
ENVIRONMENTAL QUALITY

MAILED

6-17-09 *AK*

Brian Schweitzer, Governor

P.O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • www.deq.mt.gov

June 15, 2009

Rich Lynd
Parks Superintendent
316 N. Park
Helena, MT 59623

RE: HELENA SKATE PARK EXPANSION—FINAL COVER INSPECTION
City of Helena Class II Landfill (Lic. # 90)

Dear Mr. Lynd:

The City of Helena notified the Department that construction of the Helena Skate Park expansion had commenced, being located immediately adjacent to the closed City of Helena Class II landfill. On June 11, 2009, I met on site with you and Amy Teegarden to inspect the material uncovered during backhoe excavation of the subgrade surrounding the park on the north side of the YMCA building.

Verbal approval was given on site to proceed with construction of the Helena Skate Park expansion as planned. All construction lies outside the final cover of the landfill, but waste flanks the skate park area beneath the road on the immediate northern and western margins. On-site soils were approved for embankments and trench backfill. Permission was given to bury the abandoned well EW-6 (replaced by extraction well EW-7). The YMCA methane extraction trench was staked and well marked to avoid its disturbance during construction.

A trace of largely inert debris was intermixed with the soil along this poorly defined eastern edge of the landfill final cover located between the YMCA and the Old Glory Memorial site. Very thin horizons of dispersed ash lie within the upper foot, presumably locating the burn area for the final landfill phase (on-site verbal Jodi Bingham). The NW terminus of the northern-most stormwater pipe trench locates the edge of the waste boundary and final cover of the landfill. Swales in the curb along the northern edge of the road indicate that the edge of the landfill heads south from Old Glory and turns abruptly west and then turns abruptly south along the northern and western edges, respectively, of the Helena Skate Park. The southern boundary of the park expansion lies immediately adjacent to methane extraction wells EW-7 and EW-8.

Thank you for the notification of construction. Please feel free to contact me at the Permitting and Compliance Division for assistance: Voice 406.444.4725 or email tstepp@mt.gov.

Sincerely,

Tim Stepp
Solid Waste Program
Waste & Underground Tank Management Bureau

Encl: Field Inspection Form
Cc: Amy Teegarden, Director of Parks and Recreation; Jodi Bingham, Consultant
Martin Van Oort, DEQ Solid Waste
File: Lic#90/Class II Landfill/City of Helena/General Correspondence
Path: G:\WUT\SWS\engineering\helenas\SkateParkExpn0609.doc

MAILED

Department of
ENVIRONMENTAL QUALITY



12, 2000

12/12/00
Mr. [Name]
[Address]
[City, State, Zip]

RE: [Project Name] - FINAL COVER INSPECTION
[City of [City Name] 12/12/00]

Dear [Name]:

On [Date], I inspected the [Project Name] and the [Location] of the [Project Name] and the [Location] of the [Project Name]. I found that the [Project Name] was in good condition and that the [Location] of the [Project Name] was in good condition. I found that the [Project Name] was in good condition and that the [Location] of the [Project Name] was in good condition.

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[Signature]

[Name]

[Address]
[City, State, Zip]
[Phone Number]
[Fax Number]

Date: 6/11/09
Time of Arrival: 11:20
Time of Departure: Noon
Total Hours: 1 hr

SOLID WASTE MANAGEMENT SITE/SYSTEM - ON-SITE OBSERVATION FORM
(This is not the Notice of Violation mentioned in Section 75-10-227, MCA)

Facility Name Helena Skateboard Park License No. #90
Solid Waste Management Site/System Description City of Helena
Location Park fringes E flank of Old City Class II final cap
Owner City of Helena Phone _____
Address _____ City _____, MT _____
Operator N/A Phone _____
Address _____ City _____, MT _____
Landfill Representative(s) Present Paul Dyer Title Park Maint.
City Amy Tugarden, Jodi Bingham Title _____
DEQ Representative(s) Present Tim Stepp Title SWP engineer.
Title _____

(Answer all questions; mark N/A if not applicable; please print)

A. General Operational and Maintenance Requirements

Yes No N/A

1. Operational Records located where? _____
2. Dumping confined to a manageable area? [ARM 17.50.510(4)] _____
3. Refuse properly covered after each operating day? [ARM 17.50.511(1)(a)] _____
 - a) Alternative Daily Cover in use? [ARM 17.50.511(1)(a)] _____
 - b) If so, what kind? _____
4. If a Class III landfill, covered at least quarterly? [ARM 17.50.511(2)] _____
5. Daily Spreading and compaction of refuse adequate? [ARM 17.50.511(1)(a)] _____
6. Depth, spreading, and grading of intermediate cover adequate? [ARM 17.50.511(1)(a)] _____
7. Final cover on filled areas? [ARM 17.50.530(1)(a)] Final cover undisturbed: ☒ _____
8. Rodents and insects controlled? [ARM 17.50.510(7)] _____
9. Blowing litter controlled? [ARM 17.50.510(6)] _____
10. Access to site controlled? [ARM 17.50.510(4) and (5)] _____
Sign(s) _____ Gate(s) _____ Fences(s) [ARM 17.50.511(1)(c)] _____ Supervision _____
(Check all that apply)
11. Approach road properly maintained? [ARM 17.50.505(1)(b)] _____
12. Solid Waste Management facility equipment visible on-site? _____
 - a) If so, what kind(s) _____
13. Salvaging going on? [ARM 17.50.510(8)] _____
 - a) Approved salvaging plan on-file with DEQ? _____
14. What method is used to measure waste volumes? [ARM 17.50.511(1)(c)] _____

a) How often is volume measured? _____

NOTES: Jodi Bingham - oversight contractor

2000 Garst intercepted ash in "burn area" where skate park is located.

93 Methane trenches intercepted some burn ashes but no MSW

★ EW-6 may be abandoned & backfilled b/c replaced by adj. EW-7

★ On-site fill may backfill trenches & raise embankments

Minor ~ 1 ft cut on S margin of concrete showed terra brick debris

Deepest 4 ft cut on NW corner @ stormwater pipe

hit mixed waste

at W terminus.

Tim Stepp 6/11/09

1 hr
noon
11:30
6/11/0

City of Helena
Park for E Block of Old City Class II final esp
Helena Skidmore Park
#20

Tom Skiff
Amy Torgerson, John Bingham
SWP engineer

Final area undisturbed

City of Helena
4 ft cut on NW corner @ stormwater pipe
hit mixed water
On-site fill may be backfill trenches & raise curb & gutters
EW-1 may be abandoned backfilled & replaced by 24" EW-7
When trenches intersected some over stones but no more
00 cut intersected with "hard core" where state park is located
Job: Bingham - overnight contractor

Correspondence Slip

Project ID: _____

Requested: clm

Needed By: _____

Originator: _____

Org(s)/Mail Code: _____

REVIEW
ROUTING

Name

Task

Initial/Date

Admin

Proof

Sh 16-16-09

Mary H.

CHH 6-16

Rick

RT 16-16-09

Mail original via:

☐ Regular ☐ Certified ☐ Registered ☐ FedEx

Fax to addressee at: _____

Proof Path: G:\WUT_____

Mail copy of enclosures
to CC's? Y N

Special Instructions:

Copies of enclosures
for file needed? Y N

Copy of letter for file
needed? Y N





Montana Department of
ENVIRONMENTAL QUALITY

MAILED
7-15-08 JH

Brian Schweitzer, Governor

P.O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • www.deq.mt.gov

July 15, 2008

Mr. Todd Kuxhaus
GREAT WEST ENGINEERING
P.O. Box 4817
Helena, MT 59604

RE: City of Helena - Centennial Park Project Meeting Summary

Dear Todd:

The Department has received a copy of the above noted summary of the meeting held on June 24, 2008. The summary appears to include all of the key points discussed during the meeting on the Centennial Park Project. Thank you for compiling the meeting notes.

As you proceed with the project, please feel free to contact me with any questions in the Permitting and Compliance Division, Waste and Underground Tank Management Bureau, Solid Waste Program.

Sincerely,

Mary Louise Hendrickson
Solid Waste Program
Phone: 406-444-1808; Fax: 406-444-1374
Email: mhendrickson@mt.gov

File: Closed\L&C County\City of Helena\Lic. #90\Centennial Park
cc: Rich Lynd, Helena Parks Department, 316 N. Park, Helena, MT 59623
Ben Sautter, Solid Waste Supervisor, City of Helena, 316 N. Park, Helena, MT 59623





**Montana Department of
ENVIRONMENTAL QUALITY**

MAILED
5-21-08

Brian Schweitzer, Governor

P.O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • www.deq.mt.gov

May 20, 2008

Mr. Kevin Harrington
CITY OF HELENA – ENGINEERING DIVISION
316 North Park – Room 417
Helena, MT 59624

RE: Closed City of Helena Landfill – License #90
Proposed Centennial Park Preliminary Enhancements
Investigation to Determine the Location of Historic Garbage
Approval to Proceed

Dear Mr. Harrington:

The Department of Environmental Quality (Department) has reviewed the request, submitted on your behalf by Robert Peccia & Associates, to resume the site excavation and grading work at the closed City of Helena Landfill. The Department approves the resumption of activities with the following conditions:

- Prior to the removal of additional fill material from the current project area, the City must determine the depth to and areal extent of the historic garbage. Your request to resume activities included a map of the proposed test pit locations. The test pit locations are approved. During the investigation, work shall proceed as follows:
 - The overlying fill material at each test pit location shall be removed in lifts no greater than 6-inches deep;
 - To ensure that the lower explosive limit (LEL) of landfill gas is not exceeded in the vicinity of the test pits during excavation, the methane concentrations must be monitored when personnel are working in the area;
 - When historic garbage is discovered, excavation activities will be halted until the location and elevation of the garbage is determined. The location coordinates and elevation measurements must be recorded and provided to the Department upon completion of the project. The depth of continued site excavation and grading will be determined by the Department once the elevation of historic garbage has been established. The approval for continued excavation and site grading will be provided in a separate letter to the City.

Environmental Quality
Department of Environment and Planning

1000 North Main Street, Suite 1000, Boston, MA 02109

Page 10 of 10

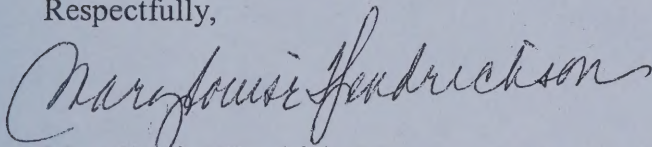
The following information was obtained from the records of the Department of Environment and Planning, dated 10/1/88.

1. The following information was obtained from the records of the Department of Environment and Planning, dated 10/1/88.

The Department is aware that the City proposes to develop the closed landfill as the Centennial Park recreational complex. The Administrative Rules of Montana (ARM) 17.50.531 require Department approval for all post-closure uses. In addition, these uses must be approved prior to implementation. The currently planned post-closure use was not part of the facilities post-closure use plan. Therefore, the Department requires the submittal of a post-closure plan that demonstrates the proposed post-closure use will not disturb the integrity of the final cover, liner(s), or any components of the containment system, or the function of the monitoring systems. The updated post-closure plan should include a Site Master Plan and design details as well as the measures to be implemented to ensure the security of the landfill groundwater and methane monitoring and extraction systems.

If you have any questions regarding this approval, or require further information regarding the submittal of the updated post-closure plan, please do not hesitate to contact me directly at the Permitting and Compliance Division, Waste and Underground Tank Management Bureau, Solid Waste Program.

Respectfully,



Mary Louise Hendrickson

Project Lead

Solid Waste Licensing

Phone: 406-444-1808; Fax: 406-444-1374

Email: mhendrickson@mt.gov

File: Closed Landfills\L&C County\Closed City of Helena\#90\Closure and Centennial Park

Path: G:\WUT\SWS\closure\lewisClark\ClosedHelena-WasteDepthInvstgtn-apprvl.doc

cc: Mr. John Piccone, Robert Peccia & Associates, PO Box 5653, Helena, MT 59604

Mr. John Rundquist, City of Helena, 316 N. Park, Helena, MT 59624

Mr. Ben Sautter, City of Helena, 316 N. Park, Helena, MT 59624

Mr. Mike Wignot, Hydrometrics, Inc., 3020 Bozeman Ave., Helena, MT 59601

Mr. Rich Lynd, City of Helena Parks Dept., 340 Neil Avenue, Helena, MT 59623

The Commission is aware that the City Engineer is developing a design for the proposed new sewerage treatment plant. The design is being developed in accordance with the requirements of the Sanitary Engineering Act, 1902, and the Sewerage By-laws, 1903. The design is being developed in accordance with the requirements of the Sanitary Engineering Act, 1902, and the Sewerage By-laws, 1903. The design is being developed in accordance with the requirements of the Sanitary Engineering Act, 1902, and the Sewerage By-laws, 1903.

It is requested that you advise the City Engineer of the results of your examination of the proposed design. The City Engineer is aware that the design is being developed in accordance with the requirements of the Sanitary Engineering Act, 1902, and the Sewerage By-laws, 1903. The design is being developed in accordance with the requirements of the Sanitary Engineering Act, 1902, and the Sewerage By-laws, 1903.

John J. [Signature]
John J. [Signature]
[Address]
[City]
[State]
[Zip]

The City Engineer is aware that the design is being developed in accordance with the requirements of the Sanitary Engineering Act, 1902, and the Sewerage By-laws, 1903. The design is being developed in accordance with the requirements of the Sanitary Engineering Act, 1902, and the Sewerage By-laws, 1903. The design is being developed in accordance with the requirements of the Sanitary Engineering Act, 1902, and the Sewerage By-laws, 1903.

Closed

County LEC #90
Facility & # City of Helena LP
Closure Landfarm
Finan Assur Liner
GW Corr Meas Methane
GW Monitoring O & M
GW Reports Run - On
Inspections
Other: Centennial Park

**ROBERT PECCIA & ASSOCIATES**

May 20, 2008

Mary Louise Hendrickson
MT DEQ – Waste Management Bureau
PO Box 200901
Helena, MT 59620-0901

Subject: Centennial Fields - Closed Landfill Investigation

Dear Mrs. Hendrickson,

The purpose of this letter is to request approval from MT DEQ to proceed with sub surface investigation work in the vicinity of the previously closed landfill at Centennial Park. As you know, the City of Helena has awarded a grading project to Helena Sand and Gravel in anticipation of future enhancements to Centennial Park. The current grading project is a preliminary phase of the Centennial Park master plan however; the use of the area will not be changed as a result of the current grading project. Completion of the Centennial Park master plan is not anticipated for a period of two years or more.

Work anticipated under the current grading project is depicted in the plan sheet herewith. The City would like to excavate material from the embankment northwest of the current playing fields and place it on the existing playing fields. Some additional material will also be placed within the old railroad bed to the north. Generally, material will be moved from yellow areas on the plan sheet to green areas. No topsoil will be stripped in the existing playing fields and no excavation will occur outside the yellow areas.

It is our understanding that no data exists on the exact elevation of the landfill cap, if any, in the yellow area. However, we do know that a significant quantity of fill material has been deposited on the site since the landfill was closed and we therefore propose digging exploratory pits as described in the plan sheet in an effort to determine how much material may be excavated without disturbing the closed landfill. It is our intension to submit our findings to the DEQ, along with a revised grading plan (if necessary), for approval prior to moving forward with any additional excavation.

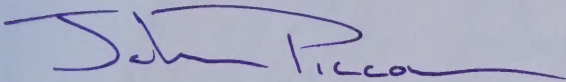
HELENA - CORPORATE OFFICE
P.O. Box 5653
825 Custer Avenue
Helena, MT 59604
(406) 447-5000
FAX (406) 447-5036

KALISPELL
P.O. Box 5100
102 Cooperative Way, Suite 300
Kalispell, MT 59903
(406) 752-5025
FAX (406) 752-5024

BUTTE
Thornton Building
65 East Broadway
Butte, MT 59701
(406) 533-6770
FAX (406) 533-6830

Although the data obtained from this exploration will certainly be utilized in the Centennial Park master plan, this request pertains only to the current grading project described on the attached plan sheet. The City is aware that additional approval must be obtained from the DEQ prior to moving forward with any construction on future phases of the Centennial Park master plan and that some form of modified closure plan may be required if there is a change in use of the area.

Sincerely
ROBERT PECCIA & ASSOCIATES



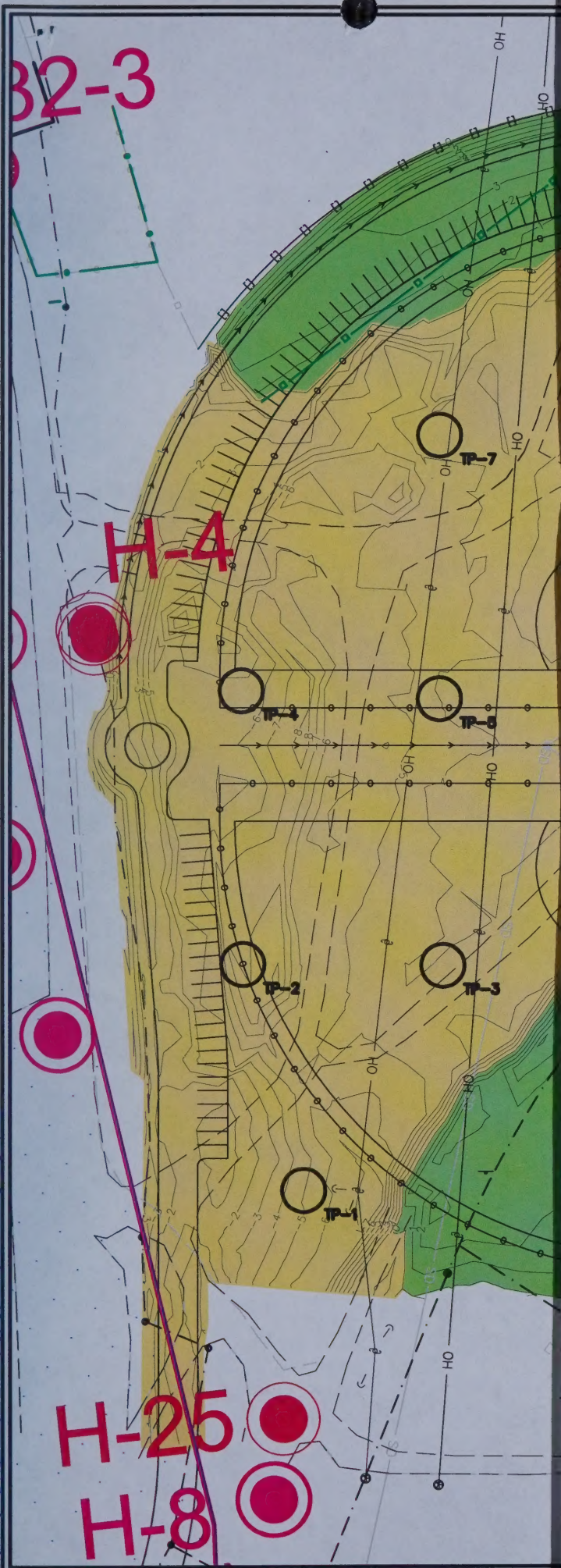
John Piccone, P.E.
Project Manager

cc: Rich Lynd
City of Helena Parks Dept., Acting Director
340 Neill Avenue
Helena, MT 59623

Kevin Harrington
City of Helena Engineering Division
316 N. Park Ave.
Room 417
Helena MT 59624

Michael Wignot, P.E.
Hydrometrics, Inc.
3020 Bozeman Avenue
Helena, MT 59601

File



NOTES:

1. DIG TEST PIT WITH STANDARD EXCAVATOR (320 BUCKET OR SIMILAR) TO TOP LEVEL OF APPARENT OVERLAYING DIRT IN NO MORE THAN 6" LIFTS AND AT FIRST SITE OF GARBAGE. USE METHANE DETECTOR DURING EXCAVATION. AFTER SURVEYING TOP OF TILL EXCAVATION WITH NATIVE MATERIAL AND BUCKET IN 6" LIFTS.

TEST PIT COORDINATE TABLE

NORTHING	EASTING
67174.2579	31713.1058
67324.1473	31673.0559
67323.3764	31805.5008
67505.3514	31671.9761
67500.0420	31803.2906
67500.0420	31978.2906
67675.0420	31803.2906
67674.4485	32018.6788
67620.3668	32175.4662
67800.8668	31947.4743
67785.8041	38135.7269
67675.0420	32328.2906

SYM	REVISION	BY	APPR.	DATE
J. PICCONE, P.E. DESIGNED BY		01.11.08 DATE		
J. IVERS DRAWN BY		PROJECT NO. CSB040004.DWG		
T. RUSDAL, P.E. CHECKED BY		FILE NO.		
				
PROJECT TITLE CENTENNIAL SOFTBALL FIELDS				
SHEET TITLE EARTHWORK AREAS				
SHEET 4				

F:\Users\Cent_Park_Softball\Centennial01-pro\dwg\SHETTY CSB04-0004.dwg May 19, 2008



CONSTRUCTION NOTES:

1 CONTRACTOR SHALL DIG TEST PIT WITH STANDARD EXCAVATOR (320 SERIES WITH 24" BUCKET OR SIMILAR) TO TOP LEVEL OF APPARENT GARBAGE. REMOVE OVERLAYING DIRT IN NO MORE THAN 6" LIFTS AND STOP EXCAVATION AT FIRST SITE OF GARBAGE. USE METHANE MONITORING EQUIPMENT DURING EXCAVATION. AFTER SURVEYING TOP OF FOUND GARBAGE, FILL EXCAVATION WITH NATIVE MATERIAL AND COMPACT WITH BUCKET IN 6" LIFTS.

TEST PIT COORDINATE TABLE		
ID	NORTHING	EASTING
TP 1	67174.2579	31713.1058
TP 2	67324.1473	31673.0559
TP 3	67323.3764	31805.5008
TP 4	67505.3514	31671.9761
TP 5	67500.0420	31803.2906
TP 6	67500.0420	31978.2906
TP 7	67675.0420	31803.2906
TP 8	67674.4485	32018.6788
TP 9	67620.3668	32175.4662
TP 10	67800.8668	31947.4743
TP 11	67785.8041	38135.7269
TP 12	67675.0420	32328.2906

LEGEND

-  FILL AREAS
-  CUT AREAS
-  TEXT PIT

SYM	REVISION	BY	APPR.	DATE
J. PICCONE, P.E. 01.11.08 DESIGNED BY DATE				
J. IVERS DRAWN BY PROJECT NO.				
T. RUSDAL, P.E. CSB04-0004.DWG				
CHECKED BY FILE NO.				
				
PROJECT TITLE				
CENTENNIAL SOFTBALL FIELDS				
SHEET TITLE				
EARTHWORK AREAS				
SHEET				
4				



HELENA

PO Box 4817 ▪ 2501 Belt View Drive
Helena, MT 59604
406.449.8627 ▪ Fax 406.449.8631



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DEC 10 2009

December 9, 2009

Dept. of Enviro. Quality
Waste & Underground
Tank Management Bureau

Mary Louise Hedrickson
Montana Department of Environmental Quality-Solid Waste Program
PO Box 200901
Helena, MT 59620-0901

RE: Closed City of Helena Landfill Post-Closure Plan Response

Dear Mary Louise:

This letter provides additional information and responses to the comments addressed in our April 23, 2009 meeting. Due to several issues with the site, our 95% Design has been delayed until now. You'll find enclosed 3 copies of the revised Post-Closure Plan, and our 95% Design Plans and Specifications for your review. We are hoping to receive comments from all parties within 30 days, if possible.

**Section 6 – Post-Closure Operation
Part A – Final Cover Maintenance**

1. The Closure Post-Closure Plan has been updated to state that any waste encountered will be disposed of at a licensed Class II landfill.
2. The Closure Post-Closure Plan has been updated and states that submittals of the building design plans and engineering details, including proposed vent system details and testing plans will be sent to the Montana DEQ for approval prior to commencement of construction activities.
3. If penetrations to the cover in the form of post holes, poles, building foundations, etc. occur, the structures will be placed in concrete with 3"- 4" of bentonite covering the concrete.
4. Select fine grain bedding free of gravels will be used for utility trench backfill.
5. The asphalt is a much more effective cover than the original cover. The existing cover will not be re-established prior to the placement of new asphalt in new parking and road areas. The asphalt is an impermeable layer, which is graded to drain water to the run-off control structures. Trees placed in the islands will also utilize a GCL to minimize infiltration of water into the underlying waste.
6. The Closure Post-Closure Plan has been changed and states the holes left from the removal of the power poles shall be filled with a slurry of bentonite-cement.

BILLINGS

115 N Broadway
Suite 500
Billings, MT 59101
406.652.5000
Fax 406.248.1363

BOZEMAN

602 Ferguson
Suite 1
Bozeman, MT 59718
406.587.0504
Fax 406.587.0541

7. Details of trees proposed for bermed areas including type(s) proposed are included in the 95% Design Plans. Within Appendix C of the Post-Closure Plan is a table of typical rooting depth(s) by species and water requirements.
8. Final cover areas will be inspected regularly (at least once a year) to ensure compliance with designated design function. Yearly final cover inspections are required and will be conducted by the City's engineering staff or subcontracted to a consultant. The Closure Post-Closure plan has been updated to include this information.
9. Grading activities to level hummocky topography or to remove high spots will not be performed. Cutting of existing waste areas will only be performed during isolated utility/irrigation installations. Fill will be provided for low areas as to not cut into the existing surface. The Closure Post-Closure plan has been updated to include this information.
10. Final cover areas which have experienced erosion will be investigated to determine cause of erosion. The affected area will then be reseeded or treated with another appropriate erosion control method. Positive drainage will be established around the LFGES. The Closure Post-Closure plan has been updated to include this information.
11. We understand that the project could impact methane and the City of Helena is aware of the problems and will address the issues as they arise. The annual inspections will include evaluating methane impacts.

Part B – Drainage Maintenance

1. Design details for the stormwater ditch system will be included in the 95% design. The ditches will be lined with PVC with an underdrain then covered with topsoil and revegetated.
2. Details for the proposed final irrigation system are included in the 95% design plans.
3. The 95% design includes details for reshaping/re-grading criteria. Excavation in the waste will be avoided except for utilities and irrigation components.

Part C – Gas Vent and Groundwater Monitoring Maintenance

1. The design will minimize any impacts to the existing Landfill gas extraction system. The Contractor will be required to verify the locations of the known LFGES components and repair all damage immediately if caused. The Closure Post-Closure plan has been updated to include this information. Elevation adjustments to the LFGES vaults will be required. The 95% design has addressed these adjustments.
2. During the first year, the facility will perform quarterly groundwater monitoring and monthly methane monitoring to evaluate the impact of the placement of additional final cover. The results of the evaluation will be



The first part of the report is a general introduction to the project. It describes the purpose of the study, the objectives, and the scope of the work. The second part of the report is a detailed description of the methodology used in the study. This includes a description of the data sources, the data collection methods, and the data analysis methods. The third part of the report is a description of the results of the study. This includes a description of the findings, the conclusions, and the recommendations. The fourth part of the report is a discussion of the implications of the study. This includes a discussion of the limitations of the study, the strengths of the study, and the future research needs. The fifth part of the report is a conclusion. This includes a summary of the findings, the conclusions, and the recommendations.

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provided to the Department in a report due no later than 90-days after the completion of this first year of data collection. Great West Engineering will work with the Public Works Department and their consultant to facilitate quarterly monitoring. The Closure Post-Closure plan has been updated to include this information.

3. The buildings are not designed nor will they be constructed in the first phase of construction. Based on recent events the theater will not be constructed in the near future and is not a part of this project.
4. Monitoring wells impacted during construction and requiring repair or adjustment will be reported to the Department within 7 days of impact/repair. The Closure Post-Closure plan has been updated to include this information.
5. The methane trench has been installed by the Armory.

Please contact me if you have any questions or concerns.

Sincerely,

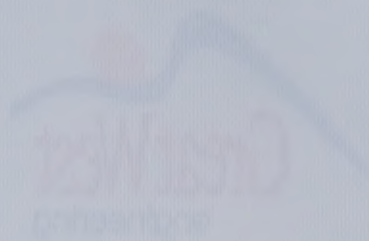
Great West Engineering, Inc.,

A handwritten signature in black ink, appearing to read "Todd Kuxhaus", written over a faint, larger signature.

Todd Kuxhaus, PE
Project Manager

Enclosures: Revised Closure Post-Closure Plan
 Revised Construction Plans (95% Design)

Cc: Ryan Leland - City of Helena (Letter and Post-Closure Plan Only)
 Amy Teegarden - City of Helena (Letter and Post-Closure Plan Only)
 Nathan Steiner - Carl Thuesen (Letter and Post-Closure Plan Only)



1. The purpose of this document is to provide a clear and concise summary of the project's objectives, scope, and deliverables. This document will serve as a reference for all project-related activities and will be updated as the project progresses.

2. The project is designed to develop a new software application that will improve the efficiency of the company's internal processes. The project will be managed by the Project Manager, who will be responsible for ensuring that the project is completed on time and within budget.

3. The project will be divided into several phases, including: Requirements Gathering, Analysis, Design, Development, Testing, and Deployment. Each phase will have specific deliverables and milestones that will be tracked throughout the project.

4. The project team will consist of several members, including the Project Manager, a Business Analyst, a Software Developer, and a Quality Assurance Tester. Each team member will have specific responsibilities and will be responsible for completing their assigned tasks.

5. The project will be monitored and controlled using a project management tool. This tool will allow the Project Manager to track the progress of the project, identify potential risks, and communicate with the project team.

This document is a confidential document and should be handled accordingly.

Project Manager

Great West Engineering, Inc.

John Doe
Project Manager

Project Name: New Software Application
Project Number: 123456789

Project Start Date: 1/1/2024
Project End Date: 12/31/2024
Project Status: In Progress

CLOSED

County LEE C

Facility & # CITY of Helena #90

Closure Landfarm

Finan Assur Liner

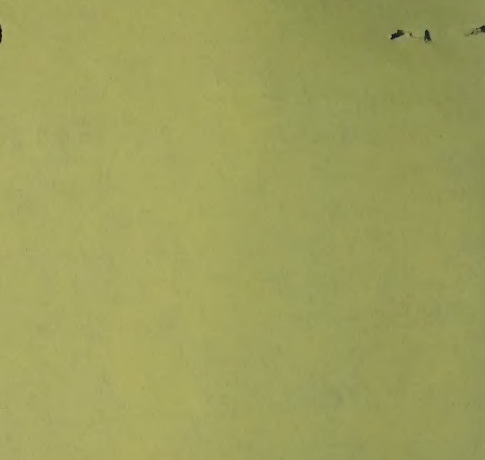
GW Corr Meas Methane

GW Monitoring O & M

GW Reports Run-on

Inspections

Other: Centennial Park





Hydrometrics, Inc.
consulting scientists and engineers

RT
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3020 Bozeman Avenue
Helena, MT 59601
(406) 443-4150
Fax: (406) 443-4155
www.hydrometrics.com

DEC 19 2008

Dept. of Enviro. Quality
Waste & Underground
Tank Management Bureau

December 18, 2008

Mr. Mike Friend
Engineering Technician
City of Helena
City/County Building
316 North Park Ave.
Helena, MT 59623

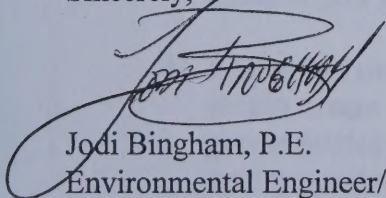
Dear Mike,

I have reviewed the revised plans for the Helena Skate Park expansion and would like to submit the following comments:

- Sheet L1: As stated in my previous comments, the irrigation control box located just to the south of the gas extraction system marked for removal is actually part of the gas extraction system and should **NOT** be removed by the Parks Department or anyone else.
- Sheet L4: According to the new contours, there may be some fill over the extraction system valve boxes and several feet of fill over the monitoring. There are no details provided to show how this will be done. An extension should be placed on the monitoring well prior to the placement of fill and this needs to be completed by a licensed monitoring well constructor.

Please call if you have any questions.

Sincerely,


Jodi Bingham, P.E.
Environmental Engineer/Chemist

- c: Mr. John Rundquist, City of Helena
Mr. Ben Sautter, City of Helena
Ms. Amy Teegarden, City of Helena
Mr. Mike Wignot, Hydrometrics
Ms. Mary Louise Hendrickson, MDEQ

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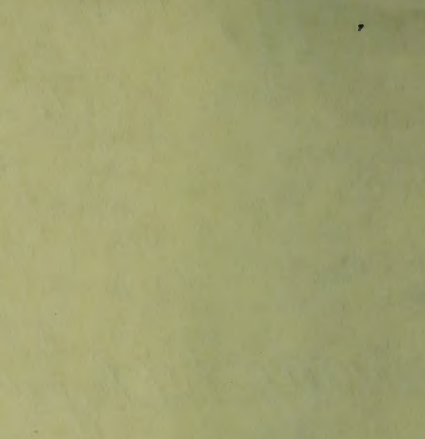
GW Reports

Run-on

Inspections

Other:

Centennial Park Project



HELENA

PO Box 4817 ♦ 2501 Belt View Drive
Helena, MT 59604
(406) 449-8627 ♦ Fax (406) 449-8631
www.greatwesteng.com

BILLINGS

115 N Broadway ♦ Suite 500
Billings, MT 59101
(406) 652-5000 ♦ Fax (406) 248-1363



June 27, 2008

Nathan Steiner, ASLA
CARL THUSEN ASLA
1925 Grand Avenue, Suite 105
PO Box 22943
Billings, MT 59104

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JUN 30 2008

Dept. of Environmental Quality
Waste & Underground
Tank Management Bureau

**RE: City of Helena Centennial Park Project
Summary of Meeting with Montana DEQ**

Dear Nathan,

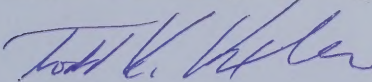
The following is a summary of the key points of the meeting we had with Mary Louise Hendrickson and Daryl Stankey of the Montana DEQ on June 24, 2008:

1. Waste excavation in the park project will be minimized (fill only, if possible). If waste is encountered it will be partially subexcavated and a GCL placed as a replacement for the existing cover system. Details of the measure will be included in the design.
2. Penetrations to the cover in the form of post holes, poles, building foundations, etc will be designed and constructed to minimize the possibility of creating a landfill gas or water pathway.
3. The design will attempt to avoid or minimize any impacts to the existing Landfill gas extraction system.
4. All parties understand that the additional soil cover placed on the existing waste areas may possibly have impacts on landfill gas migration and groundwater. Once the project is constructed, the existing landfill gas and groundwater monitoring systems will determine whether there are any issues that need to be mitigated as a result of the changes.
5. A passive landfill gas venting system should be used on all enclosed buildings (concession/restroom building at softball complex).

6. Water and sanitary services would be designed for shallow bury, no pipe bedding (with appropriate pipe type) to minimize disturbance of waste and landfill gas pathways along pipe routes. This design will require annual winterization of both water and sanitary services. If waste disturbance is required the cover system will be replaced with a GCL as mentioned in item 1 above.
7. Irrigation of turf grass over waste areas will be allowed as long as the areas are not over-watered. All irrigation systems shall include the capability to monitor weather conditions (evapotranspiration, rain, and wind sensors) to regulate amounts of irrigation minimizing saturation of soil and percolation of water through the waste.
8. A post-closure plan will be required for the project including: explanation of the proposed use; a landfill gas monitoring plan; and an operation and maintenance plan for the project. The post-closure plan will be submitted to DEQ along with the draft design plans and specifications for their review and approval.
9. During design additional meetings and submittals to MDEQ will be required to verify MDEQ requirements are being met.
10. Rich Lynd indicated that the City of Helena is working toward obtaining the State Land just south of the project. He requested that this land be surveyed in the event that it would be added to the project in the future.
11. Buildings and structures will be located within the old railroad spur footprints so that these structures are not placed on waste areas

Sincerely,

Great West Engineering, Inc.



Todd K. Kuxhaus, PE
Project Manager

cc: Rich Lynd – City of Helena
Mary Louis Hendrickson - MDEQ

When the contract was awarded, it was expected that the contractor would be responsible for the design and construction of the project. The contract was awarded to the contractor on the basis of the lowest bid. The contractor was responsible for the design and construction of the project. The contractor was responsible for the design and construction of the project.

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Signature

John W. [Name]

[Signature]

John W. [Name]

[Signature]

John W. [Name]

[Signature]

CLOSED

County LEWIS & CLARK

Facility & # CITY OF HELENA #90

Closure

Landfarm

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GW Monitoring

O & M

GW Reports

Run-on

Inspections

Other:

Centennial Parks folder



ROBERT PECCIA & ASSOCIATES

May 23, 2008

Mary Louise Hendrickson
MT DEQ – Waste Management Bureau
PO Box 200901
Helena, MT 59620-0901

Subject: Centennial Fields - Closed Landfill Investigation Results

Dear Mrs. Hendrickson,

This letter is to report our findings with regard to the exploratory pits dug on 5/21/08 at Centennial Fields. A plan sheet which includes the locations and surveyed depth of the 12 test pits is included herewith.

Essentially, the top of the historic garbage slopes down toward the northeast at a greater rate than the existing topography. The shallowest pit was at the southwest end of the proposed grading project and measured 2.9' from top of existing ground to top of historic garbage, the deepest pit was to the northeast and measured 12' deep.

Due to the shallow depths of the historic garbage on the southwest end of the project, the City has concluded not to move forward with the current grading plan. Plans for this portion of Centennial Fields will be revised and incorporated with the City's master plan for the park. As design development continues on the master plan the City will keep the DEQ informed.

Thank you very much for the department's quick assistance with this project.

Sincerely
ROBERT PECCIA & ASSOCIATES

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MAY 28 2008

[Signature]
John Piccone, P.E.
Project Manager

Dept. of Enviro. Quality
Waste & Underground
Tank Management Bureau

HELENA - CORPORATE OFFICE
P.O. Box 5653
825 Custer Avenue
Helena, MT 59604
(406) 447-5000
FAX (406) 447-5036

KALISPELL
P.O. Box 5100
102 Cooperative Way, Suite 300
Kalispell, MT 59903
(406) 752-5025
FAX (406) 752-5024

BUTTE
Thornton Building
65 East Broadway
Butte, MT 59701
(406) 533-6770
FAX (406) 533-6830

cc: Rich Lynd
City of Helena Parks Dept., Acting Director
340 Neill Avenue
Helena, MT 59623

Kevin Harrington
City of Helena Engineering Division
316 N. Park Ave.
Room 417
Helena MT 59624

Carl Thuesen, ASLA
1925 Grand Avenue, Suite 105
Billings, MT 59102

Michael Wignot, P.E.
Hydrometrics, Inc.
3020 Bozeman Avenue
Helena, MT 59601

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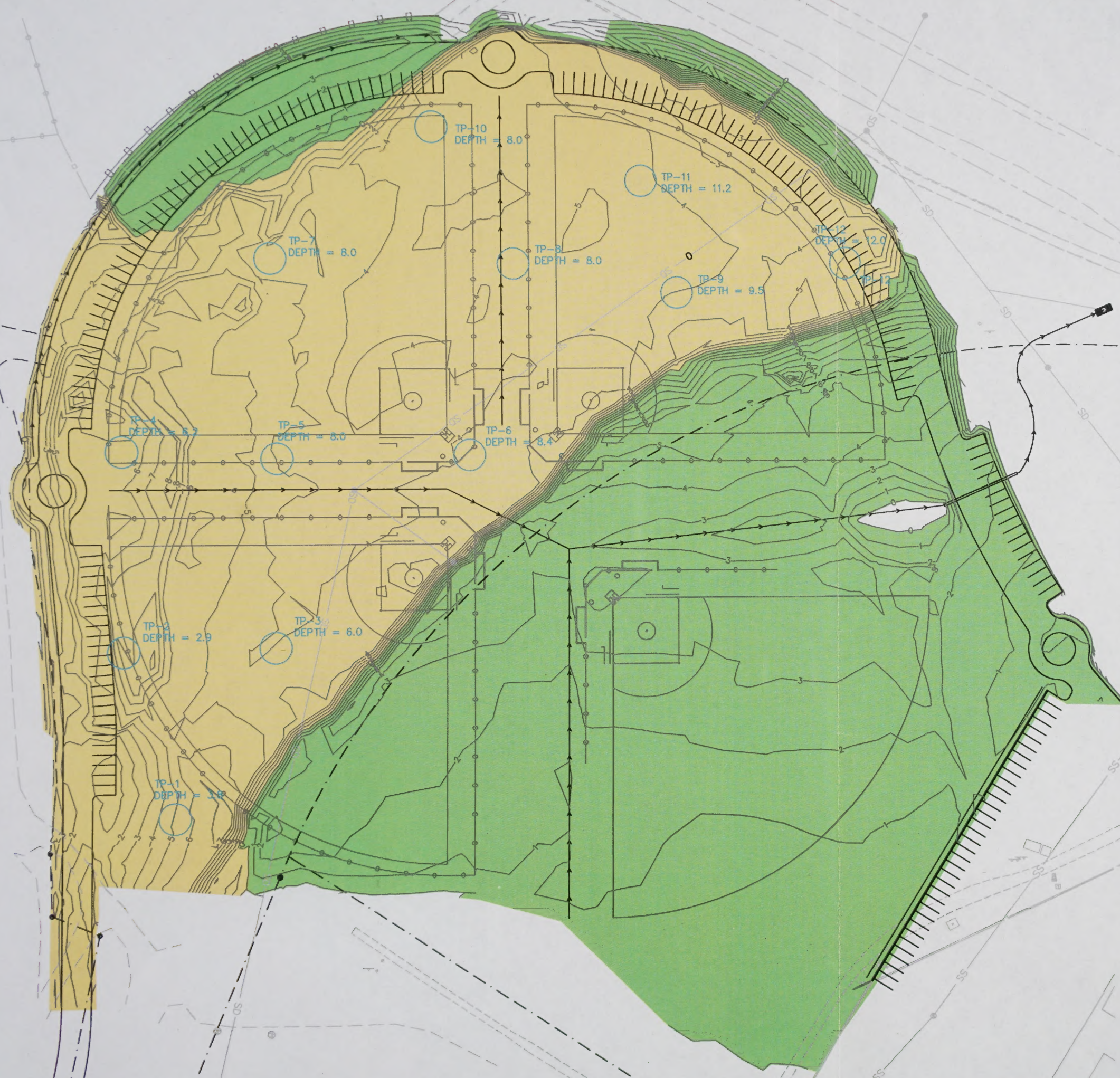
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CONSTRUCTION NOTES:

1. CONTRACTOR SHALL DIG TEST PIT WITH STANDARD EXCAVATOR (320 SERIES WITH 24" BUCKET OR SIMILAR) TO TOP LEVEL OF APPARENT GARBAGE. REMOVE OVERLAYING DIRT IN NO MORE THAN 6" LIFTS AND STOP EXCAVATION AT FIRST SITE OF GARBAGE. USE METHANE MONITORING EQUIPMENT DURING EXCAVATION. AFTER SURVEYING TOP OF FOUND GARBAGE, FILL EXCAVATION WITH NATIVE MATERIAL AND COMPACT WITH BUCKET IN 6" LIFTS.

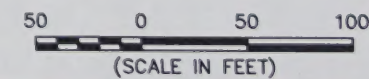
ID	NORTHING	EASTING	GARBAGE ELEV.	DEPTH
TP-1	67173.4563	31713.6127	3993.7591	3.8
TP-2	67324.0041	31671.1663	3993.0406	2.9
TP-3	67325.847	31804.3296	3989.2587	6.0
TP-4	67503.5519	31671.9785	3987.8724	6.2
TP-5	67497.361	31805.606	3985.3937	8.0
TP-6	67503.2536	31981.2974	3982.681	8.4
TP-7	67678.6324	31800.8945	3983.3889	8.0
TP-8	67670.3535	32020.1982	3981.4336	8.0
TP-9	67647.8873	32167.1457	3979.0895	9.5
TP-10	67798.6878	31945.9873	3978.7007	8.0
TP-11	67749.9543	32135.0268	3976.4608	11.2
TP-12	67674.6356	32321.6561	3974.1509	12

LEGEND

FILL AREAS

CUT AREAS

TEST PIT 



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MAY 28 2008
Dept. of Enviro. Quality
Waste & Underground
Tank Management Bureau

PROJECT TITLE	PROJECT NUMBER	PROJECT TYPE	PROJECT STATUS	PROJECT START DATE	PROJECT END DATE	PROJECT BUDGET	PROJECT ACTUAL COST	PROJECT VARIANCE	PROJECT RISK	PROJECT COMPLETION DATE	PROJECT DELIVERABLES	PROJECT STAKEHOLDERS	PROJECT CONTACTS	PROJECT COMMENTS
Project A	101	Software Development	Completed	2023-01-01	2023-03-31	\$100,000	\$95,000	\$5,000	Low	2023-03-31	Software v1.0	John Doe	John.Doe@Company.com	Project A completed successfully.
Project B	102	Hardware Development	In Progress	2023-04-01	2023-06-30	\$200,000	\$180,000	\$20,000	Medium	2023-06-30	Hardware v1.0	Jane Smith	Jane.Smith@Company.com	Project B is on track.
Project C	103	Cloud Migration	On Hold	2023-07-01	2023-09-30	\$150,000	\$150,000	\$0	High	2023-09-30	Cloud Migration v1.0	Mike Johnson	Mike.Johnson@Company.com	Project C is on hold.
Project D	104	Marketing Campaign	Completed	2023-10-01	2023-12-31	\$50,000	\$50,000	\$0	Low	2023-12-31	Marketing Campaign v1.0	Sarah Lee	Sarah.Lee@Company.com	Project D completed successfully.
Project E	105	Research & Development	In Progress	2024-01-01	2024-03-31	\$300,000	\$250,000	\$50,000	Medium	2024-03-31	Research & Development v1.0	David Kim	David.Kim@Company.com	Project E is on track.

SHEET TITLE

SHEET

EARTHWORK AREAS

CENTENNIAL SOFTBALL FIELDS

J. PICCONE, P.E. 01.11.08

J. PICCONE,
DESIGNED BY

J. IVERS
DRAWN BY

PROJECT NO.

DRAWN BY T. RUSDAL, P.E. PROJECT NO. CSB04G004.DWG
CHECKED BY FILE NO.

REVISION

BY	APPR.	DATE
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APR 07 1998

MONTANA
DEPT. OF ENVIRONMENTAL QUALITY
COMMUNITY SERVICES BUREAU

MEMORANDUM

TO: Stakeholders

FROM: Randy Lilje, Director of Parks and Recreation

RE: Centennial Park Master Plan

DATE: April 3, 1998

RL

Attached for your review and comment is a revised draft of the subject plan. You will note that the softball complex contains five adult-size fields and a park drive running from the ring road over to North Main Street. There are a number of other alterations.

We will set up a meeting to discuss this within the next two or three weeks so that we hopefully can finalize the plan and get going on the cost estimate, phasing plan, and grading plan.

I'm looking forward to hearing from you.

90 County L+C
Facility & # Old Helena
Closure Landfarm
Finan Assur Liner
GW Corr Meas Methane
GW Monitoring O & M
GW Reports Run - On
Inspections
Other: _____
Centennial Park,

City of Helena, Montana

APR 6 7 1981

WASH DC

DEPT OF ENVIRONMENTAL QUALITY
COMMUNITY SERVICES BUREAU



APR 17 1984

MONTANA

DEPT. OF ENVIRONMENT & NATURAL RESOURCES
COMMUNITY SERVICES BUREAU



This drawing is the property of the Landscape Architect. It has been prepared specifically for this site and is not to be used for any other purpose, location, or Owner without written consent of the Landscape Architect.

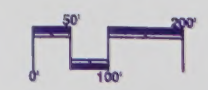
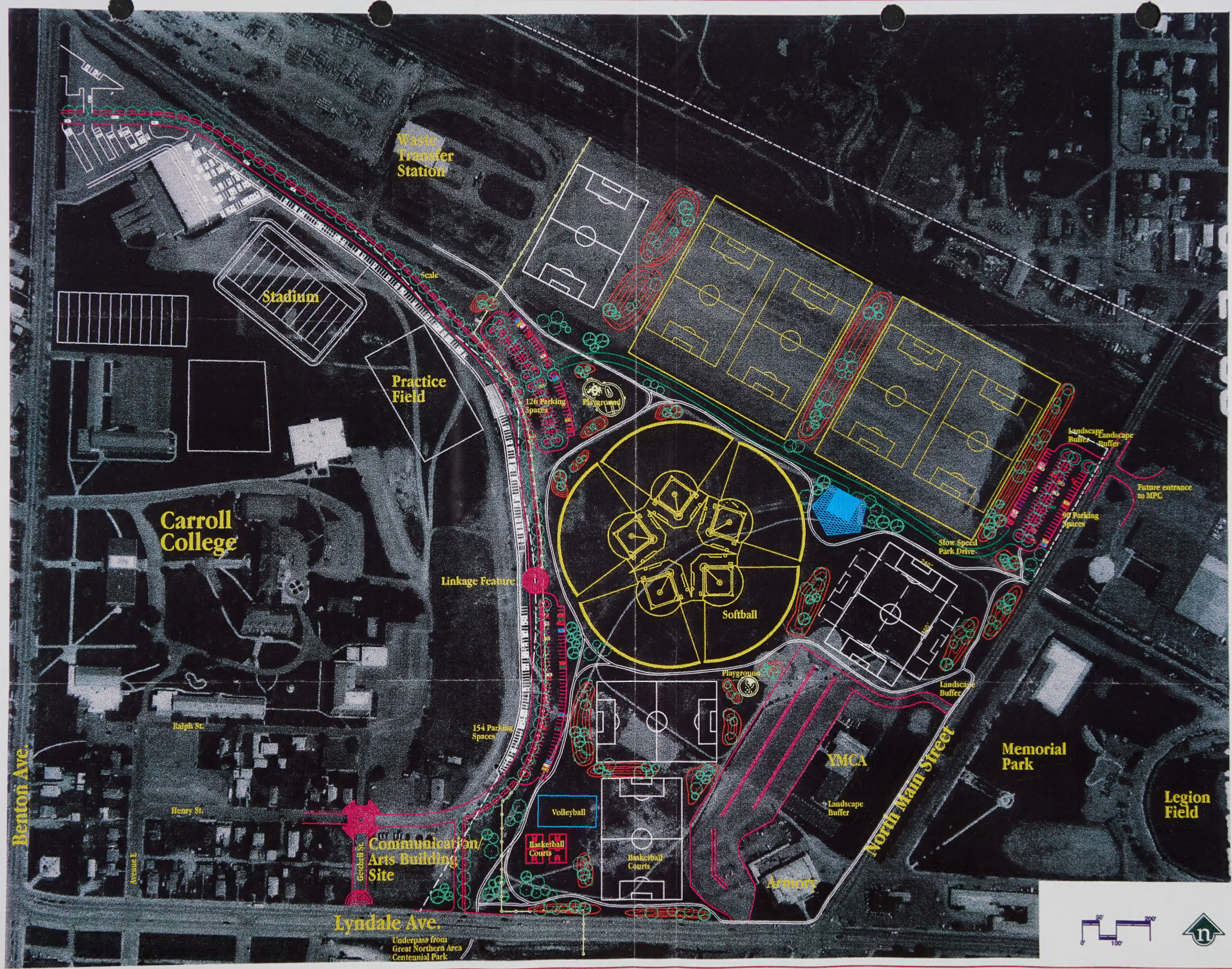
Centennial Park Master Plan Master Plan

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1998
CARL THUSEN A.S.L.A.
GOLF COURSE ARCHITECTURE
LANDSCAPE ARCHITECTURE

CARL THUSEN
A S L A
GOLF COURSE ARCHITECTURE
LANDSCAPE ARCHITECTURE
3925 GRAND AVE. SUITE 105
P.O. BOX 22945
BILKINS, MT 59104
406-323-5345 FAX 245-9653

Drawn by: **QSG**
Date: **3/25/97**
Checked by: **QAT**
Date: **4/24/97**
Rev: **5/1/97, 9/5/97**
Rev: **3/28/98**
CADD File: **SHEET**
FINAL **3/26/98.DGN**

SHEET
5 OF **5**



Helena I.F.
Etorate

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OCT 07 1997

MONTANA
DEPT. OF ENVIRONMENTAL QUALITY
COMMUNITY SERVICES BUREAU

MEMORANDUM

TO: Centennial Park Stakeholders
Open Space Bond Advisory Committee

FROM: Randy Lilje, Director of Parks and Recreation *Randy Lilje*

RE: Proposed Relocation of Helena Recycling Center to
Helena Transfer Station Area

DATE: October 6, 1997

Enclosed is a letter and map regarding the relocation of the Helena Recycling Center from its present location to an area adjacent to the Helena transfer station and city recycling area. As the letter mentions, the Nicholson Corporation would like to see the privately-owned Helena Recycling Center relocated to this area. Before this proposal is incorporated into the Centennial Park master plan, I would like to have your comments as soon as possible.

If you have questions about the proposed relocation of the recycling center, please call me at 447-8463. If you want to fax comments, the city's fax number is 447-8460. Your immediate response is appreciated.

City of Helena, Montana

RECEIVED
OCT 17 1997
MONTANA
DEPT. OF ENVIRONMENTAL QUALITY
COMMUNITY SERVICES BUREAU

MEMORANDUM

Transitional Youth Shelter
Open Space Bond Advisory Committee

TO:

Handwritten: Randy Laje

Randy Laje, Director of Parks and Recreation

FROM:

Proposed Relocation of Wilson Recycling Center to
Helena Transfer Station Area

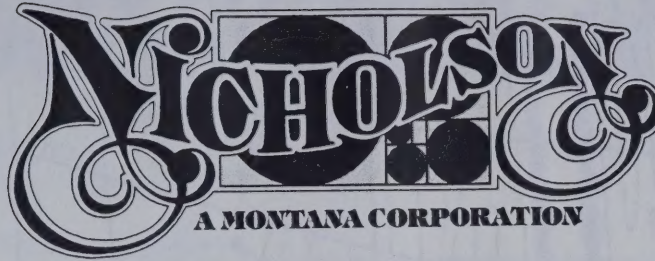
SUBJECT:

October 1, 1997

DATE:

Enclosed is a letter and map regarding the relocation of the
Wilson Recycling Center from its present location to an area
adjacent to the Helena Transfer Station and City Recycling Area.
As the letter mentions, the relocation would allow for
the city to utilize the Wilson Recycling Center to this
area. Before this proposal is incorporated into the final
plan, we would like to have your comments as soon as
possible.

If you have questions about the proposed relocation of the
recycling center, please call me at 442-4444. If you want to fax
comments, the office fax number is 442-4444. Your immediate
response is appreciated.



RECEIVED

OCT - 6 1997

CITY OF HELENA
PARKS ADMINISTRATION

October 4, 1977

Mr. Randy Lilje, Director
Parks & Recreation Department
City of Helena
316 North Park Avenue
Helena, Mt. 59623

FAX TRANSMISSION & U.S. MAIL

Dear Randy:

This is a follow up to our meeting of September 19th with yourself, Carl Thuesen, Gwyen George other officials of the City of Helena, regarding the relocation of the Helena Recycling Center to the area adjacent to the Transfer Station.

At this meeting it was requested that Doug Stewart of Montana Recycling provide to you a plat showing the desired parcel size for his operation. I have received this information from Doug and have attached a copy for your reference. It is my understanding that you will forward a copy of the plat to Carl Thuesen so that he can incorporate this site into his master planning efforts for Centennial Park.

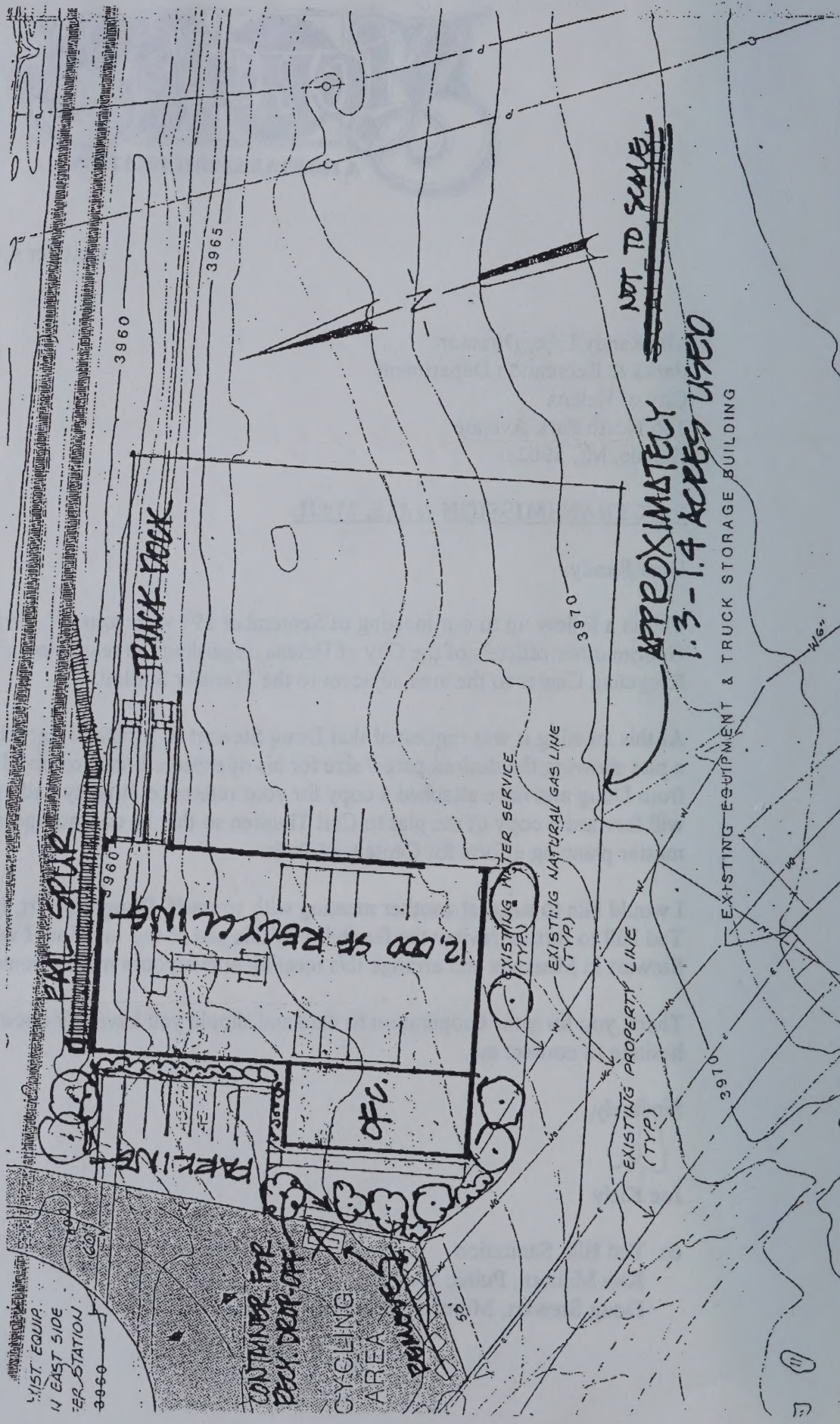
I would like to suggest another meeting with yourself, Doug Stewart, Kim Milburn and Ted Hill to further review the feasibility of this plat at this location. I will contact Doug Stewart in Missoula and arrange this meeting at everyone's mutual convenience.

Thank you for your cooperation to date and should you have any questions please do not hesitate to contact me.

Sincerely,


Joe Kiely

cc. Ted Hill, Sanitation
Kim Milburn, Public Works
Doug Stewart, Montana Recycling



~~NOT TO SCALE~~

APPROXIMATELY
1.3-1.4 ACRES USED

EXISTING EQUIPMENT & TRUCK STORAGE BUILDING

OPEN NEW FILE/SUB-FILE FORM SOLID WASTE PROGRAM

To request the opening of a file/sub-file, please fill out the appropriate information listed below:

Facility or File Name Helena I.F.
County (if applicable) LYG
License No. of Facility (if applicable) _____

Please check one or more of the following categories/sub-files:

- ☐ Closure/Post-Closure
- ☐ Financial Assurance
- ☐ Ground Water Corrective Measures
- ☐ Ground Water Monitoring
- ☐ Ground Water Reports
- ☐ Inspections
- ☐ Landfarm (within landfill)
- ☐ Liner/Leachate Design
- ☐ Methane Monitoring
- ☐ Methane Remediation
- ☐ Operation and Maintenance Plan
- ☐ Run-on/Run-off
- ☒ Other (describe) Centennial Park Plans.
- ☐ Change in Status (Closed, Withdrawn, Etc.)

MISCELLANEOUS FILES AS FOLLOWS

- ☐ Household Hazardous Waste
- ☐ Legislative
- ☐ Solid Waste General
- ☐ Source Reduction and Recycling
- ☐ State Plan (Integrated Waste Management Act)

